



STIC Search Report

EIC 2800

STIC Database Tracking Number: 10/829478

TO: Hoang Ngo
Location: JEF-8C73
Art Unit : 2852
Tuesday, July 19, 2005

Case Serial Number: 10/829478

From: Darcy Bates
Location: EIC 2800
JEF- 4B68
Phone: 571-272-2540

darcy.bates@uspto.gov

Search Notes

Re: 10/829,478 US 6,477,335

Attached are search results.

No U. S. litigation was found in searches of Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

Thanks,

Darcy Bates

Bates, Darcy

From: Ngo, Hoang
Sent: Tuesday, July 19, 2005 11:20 AM
To: STIC-EIC2800
Subject: Litigation search

Would like to request a litigation search for a reissue case 10/829478. Thanks.

Hoang Ngo
Art Unit 2852
Jefferson, 8C73
(571)272-2138

Day : Tuesday
 Date: 7/19/2005
 Time: 14:21:48


PALM INTRANET
Application Number InformationApplication Number: **10/829478 Assignments**Filing or 371(c) Date: **04/21/2004**Effective Date: **04/21/2004**Application Received: **04/22/2004**

Patent Number:

Issue Date: **00/00/0000**Date of Abandonment: **00/00/0000**Attorney Docket Number: **42525-0955**Status: **30 /DOCKETED NEW CASE - READY FOR EXAMINATION**Confirmation Number: **5878**Title of Invention: **TONER CARTRIDGE IDENTIFICATION SYSTEM FOR A PRINTER**Examiner Number: **75767 / NGO, HOANG**Group Art Unit: **2852 IFW IMAGE**Class/Subclass: **399/012.000**Lost Case: **NO**

Interference Number:

Unmatched Petition: **NO**L&R Code: Secrecy Code: **1**Third Level Review: **NO**Secrecy Order: **NO**Status Date: **02/01/2005**Oral Hearing: **NO**

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
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Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity Data	Foreign Data	Inventors	Address
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Continuity Information for 10/829478

Parent Data

10829478

is a reissue of 09853269

Child Data

No Child Data

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**Continuity
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PALM INTRANET
Application Number Information

Application Number: **09/853269** [Order This File](#)
Assignments

Filing or 371(c) Date: **05/11/2001**

Effective Date: **05/11/2001**

Application Received: **05/14/2001**

Pat. Num./Pub. Num: **6477335/20020168192**

Issue Date: **11/05/2002**

Date of Abandonment: **00/00/0000**

Attorney Docket Number: **TRO4-BO57**

Status: **150 /PATENTED CASE**

Confirmation Number: **5876**

Examiner Number: **59285 / BRAUN, FRED**

Group Art Unit: **2852**

Class/Subclass: **399/012.000**

Lost Case: **NO**

Interference Number:

Unmatched Petition: **NO**

L&R Code: Secrecy Code: **1**

Third Level Review: **NO**

Secrecy Order: **NO**

Status Date: **10/17/2002**

Oral Hearing: **NO**

Title of Invention: **TONER CARTRIDGE IDENTIFICATION SYSTEM FOR A PRINTER**

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09853269	9200	11/04/2002	No Charge to Location	No Charge to Name	JMOYA	

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Continuity Information for 09/853269

Parent Data

No Parent Data

Child Data

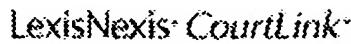
10829478 is a reissue of 09853269

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Patent Search - Number: 6,477,335



No cases containing this patent number were found.

(Charges for search still apply)

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Source: [Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility Patents](#) 
Terms: [patno=6477335](#) ([Edit Search](#))

853269 (09) 6477335 November 5, 2002

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6477335

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[Link to Claims Section](#)

November 5, 2002

Toner cartridge identification system for a printer

REISSUE: April 21, 2004 - Reissue Application filed Ex. Gp.: 2852; Re. S.N. 10/829,478 (O.G. August 3, 2004)

INVENTOR: Surya, Ronald V. - Laguna Hills, California; Kussmann, Gregory S. - Orange, California; Chan, Cheston Sung Yin - Rowland Heights, California

APPL-NO: 853269 (09)

FILED-DATE: May 11, 2001

GRANTED-DATE: November 5, 2002

ASSIGNEE-AT-ISSUE: Troy Group, Inc., Santa Ana, California, 02

ASSIGNEE-AFTER-ISSUE: May 11, 2001 - ASSIGNMENT OF ASSIGNS INTEREST (SEE DOCUMENT FOR DETAILS)., TROY GROUP, INC. 2331 SOUTH PULLMAN STREET SANTA ANA CALIFORNIA 92705, Reel and Frame Number: 11811/0345

LEGAL-REP: Price and Gess - ##0

PUB-TYPE: November 5, 2002 - Utility Patent having no previously published pre-grant publication (B1)

PUB-COUNTRY: United States (US)

US-MAIN-CL: 399#12

US-ADDL-CL: 335#153, 335#207, 399#25

CL: 399, 335, 399

SEARCH-FLD: 399#12, 399#24, 399#25, 399#27, 399#28, 335#207, 335#151, 335#152, 335#153

IPC-MAIN-CL: 7G 03G015#0

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Syntax	Definition
<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	within N words
<u>not w/N</u>	not within N words
<u>pre /N</u>	precedes by N words
<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not

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Selected file: PLUSPAT

Search statement 1

Query/Command : us6477335/pn

** ss 5: Results 1

Search statement 6

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image
PN - US6477335 B1 20021105 [US6477335]
PN2 - US2002168192 A1 20021114 [US2002168192]
TI - (B1) Toner cartridge identification system for a printer
PA - (B1) TROY GROUP INC (US)
PA0 - Troy Group, Inc., Santa Ana CA [US]
IN - (B1) CHAN CHESTON SUNG YIN (US); SURYA RONALD V (US); KUSSMANN GREGORY S (US)
AP - US85326901 20010511 [2001US-0853269]
PR - US85326901 20010511 [2001US-0853269]
IC - (B1) G03G-015/00 G03G-015/08 H01H-009/00 H01H-051/00
EC - G03G-015/08H3
H01H-036/00B8
ICO - T01H-036/00B2C
PCL - ORIGINAL (O) : 399012000; CROSS-REFERENCE (X) : 335153000
 335207000 399025000
DT - Basic
CT - US3599132; JP61-156165; JP63-85771
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
STG2- (A1) Utility Patent Application published on or after January 2, 2001
AB - An apparatus for communicating to a printer a type of installed printer cartridge, where the combination of the cartridge and the printer form a magnetic coupling that can generate a cartridge specific code to identify the toner cartridge as being of a predetermined type. In a preferred embodiment, the magnetic coupling is achieved using at least two reed switches preferably mounted on the printer, with the reed switches biased using fixed magnetic elements placed immediately adjacent the reed switches. In the absence of any further magnetic fields, the reed switches are selected to provide a known set of switch positions corresponding to a bit value of one ("1") for an open circuit and a bit value of zero ("0") for a closed circuit. Magnetic elements on a printer cartridge are positioned to be disposed adjacent the reed switches and opposite the fixed magnets, and of a size and field strength sufficient to counteract the fixed magnetic elements adjacent the reed switches when the cartridge is inserted into the printer. The positions of the reed switches on the printer may be transformed into a sequence of bits of "1"s and "0"s. This series of data (ones and zeros) can be used to distinguish one printer cartridge from another and allow automatic optimization of the printer settings based on the cartridge recognition.
UP - 2002-46

7/19/05

US 6,477,335

10/829478

1 / 1 LGST - @EPO
PN - US6477335 B1 20021105 [US6477335]
US2002168192 A1 20021114 [US2002168192]
AP - US85326901 20010511 [2001US-0853269]
ACT - 20010511 US/AS-A
ASSIGNMENT
OWNER: TROY GROUP, INC. 2331 SOUTH PULLMAN STREET SANTA A;
EFFECTIVE DATE: 20010507
ASSIGNMENT OF ASSIGNEES INTEREST;ASSIGNEES:KUSSMANN, GREGORY
S.;SURYA, RONALD V.;YIN, CHESTO SUNG;REEL/FRAME:011811/0345

20040803 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20040421
UP - 2004-35

1 / 1 CRXX - @CLAIMS/RRX
AN - 3781091
PN - 6,477,335 A 20021105 [US6477335]
PA - Troy Group Inc
PT - E (Electrical)
ACT - 20040421 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20040803
REISSUE REQUEST NUMBER: 10/829478
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2852

Reissue Patent Number:

UP - 2004-32
UACT- 2004-08-03

Search statement 6

Query/Command : fam us6477335/pn

1 Patent Groups
** SS 6: Results 1

Search statement 7

Query/Command : famstate nonstop

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image
PN - US6477335 B1 20021105 [US6477335]
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
TI - (B1) Toner cartridge identification system for a printer

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Darcy Bates

272-2540

7/19/05

US 6,477,335

10/829478

PA - (B1) TROY GROUP INC (US)
PA0 - Troy Group, Inc., Santa Ana CA [US]
IN - (B1) CHAN CHESTON SUNG YIN (US); SURYA RONALD V (US); KUSSMANN
GREGORY S (US)
IC - (B1) G03G-015/00 G03G-015/08 H01H-009/00 H01H-051/00
PN2 - US2002168192 A1 20021114 [US2002168192]
STG2- (A1) Utility Patent Application published on or after January 2, 2001
TI2 - (A1) TONER CARTRIDGE IDENTIFICATION SYSTEM FOR A PRINTER
IN2 - (A1) YIN CHAN CHESTON SUNG (US); SURYA RONALD V (US); KUSSMANN
GREGORY S (US)
IC2 - (A1) G03G-015/00
AP - US85326901 20010511 [2001US-0853269]
PR - US85326901 20010511 [2001US-0853269]
EC - G03G-015/08H3
H01H-036/00B8
ICO - T01H-036/00B2C
PCL - ORIGINAL (O) : 399012000; CROSS-REFERENCE (X) : 335153000
335207000 399025000
DT - Basic
UP - 2002-46

1 / 1 LEGALI - @EPO
PN - US6477335 B1 20021105 [US6477335]US2002168192 A1 20021114
[US2002168192]
AP - US85326901 20010511 [2001US-0853269]
ACTE- 20010511 US/AS-A
ASSIGNMENT
OWNER: TROY GROUP, INC. 2331 SOUTH PULLMAN STREET SANTA A;
EFFECTIVE DATE: 20010507
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KUSSMANN, GREGORY
S.;SURYA, RONALD V.;YIN, CHESTON SUNG;REEL/FRAME:011811/0345

20040803 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20040421
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Syntax Definition

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<u>and not</u>	and not

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